

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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5891429

05/466,308

20
GCT GGAGG ATG TGG CTG CAG AGC CTG CTG TTT GGC ACT GTG GCC TGC
MET Trp Leu Gln Ser Leu Leu Leu Val Thr Val Ala Cys
80
Ser CSF-G, Arg CSF-G
T B
AGC ATC TCT GCA CCC GCC CGC TCG CCC AGC CCC AGC AGC CAG CCC TGG GAG CAT
CSF-thr Ser Ile Ser Ala Pro Ala Arg Ser Pro Ser Thr Thr Gln Pro Trp Glu His
140
GTG AAT GCC ATC CAG GAG GCC CGG CGT CTC CTG AAC CTG AGT AGA GAC ACT GCT
Val Asn Ala Ile Gln Glu Ala Arg Arg Leu Leu Asn Leu Ser Arg Asp Thr Ala
200
Ile CSF-G Val CSF-G
A G
GCT GAG ATG AAT GAA ACA GTA GAA GTC ATC TCA GAA ATG TTT GAC CTC CAG GAG
Ala Glu MET Asn Glu Thr Val Glu Val Ile Ser Glu MET Phe Asp Leu Gln Glu
260
CTG ACC TGC CTA CAG ACC CGC CTG GAG CTG TAC AAG CAG GGC CTG CAG GGC AGC
Pro Thr Cys Leu Gln Thr Arg Leu Glu Leu Tyr Lys Gln Gly Leu Arg Gly Ser
320
CTC ACC AAG CTC AAG GGC CCC TTG ACC ATG ATG GCC AGC CAC TAC AAG CAG CAC
Leu Thr Lys Leu Lys Gly Pro Leu Thr MET MET Ala Ser His Tyr Lys Gln His
Ile CSF-ile
T
TGC CCT CCA ACC CCG GAA ACT TCC TGT GCA ACC CAG ACT ATC ACC TTT GAA AGT
Cys Pro Pro Thr Pro Glu Thr Ser Cys Ala Thr Gln Thr Ile Thr Phe Glu Ser

FIG. 1A

380

Thr CSF-G

C

TTC AAA GAG AAC CTG AAG GAC TTT CTG CTT GTC ATC CCC TTT GAC TGC TGG GAG
Phe Lys Glu Asn Leu Lys Asp Phe Leu Val Ile Pro Phe Asp Cys Trp Glu

500

450

460

470

480

490

Gly CSF-G

G

CCA GTC CAG GAG TGA GACGGCCAG ATGAGGCTGG CCAAGCGGG GAGCTGCTCT CTCATGAAC
Pro Val Gln Glu *

127

510

520

530

540

550

560

570

A

580

590

600

610

620

630

640

AAGAGCTGGA AACTCAGGAT GGTCTCTCTTG CAGGGACCAA GGGGTGGGCC ACATCCATGG TGGGAGTGGC
T

T

580

590

600

610

620

630

640

CGGGACCTGC CCTGGGCCAC ACTGACCCCTG ATACAGGCAT GGCAGAAGAA TGGGAATATT TTATCTGAC
650 660 670 680 690 700 710

AGAAATCAGT AATATTATTA TATTATATT TTAAATAT TTATTTATT ATTATTATTA GTTCATATT
720 730 740 750 760 770 780

CATATTTATT CAAGATGTTT TACCGTAATA ATTATTATTA AAAATATGCT TCTAAAAAAA AAAAAAAA

FIG. 1B

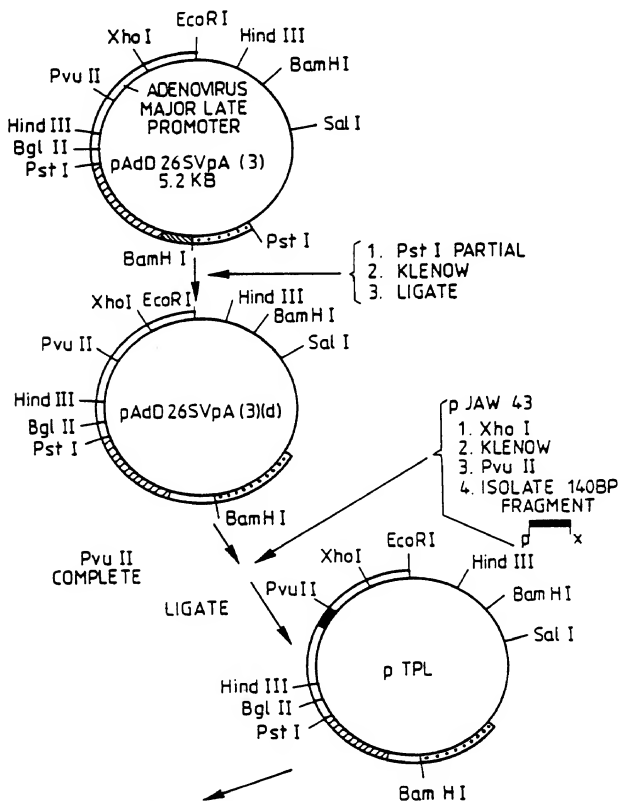


FIG. 2

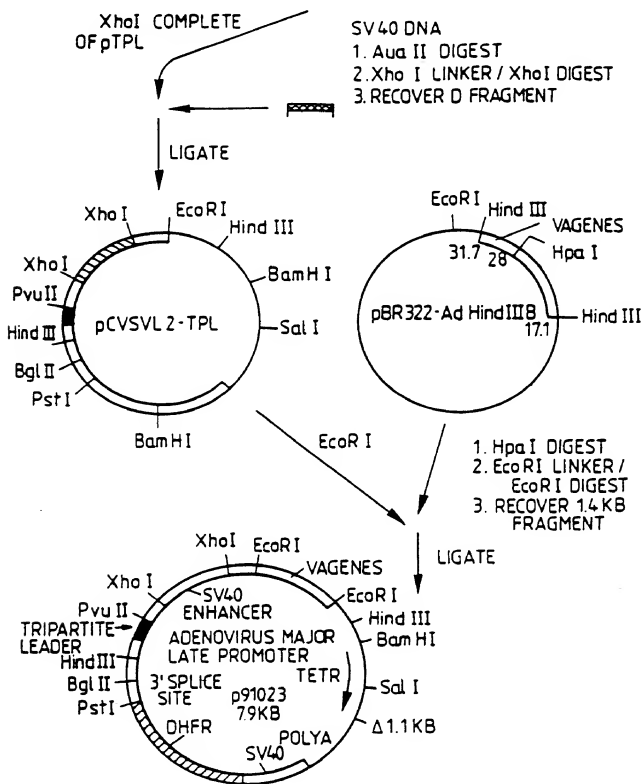


FIG. 3

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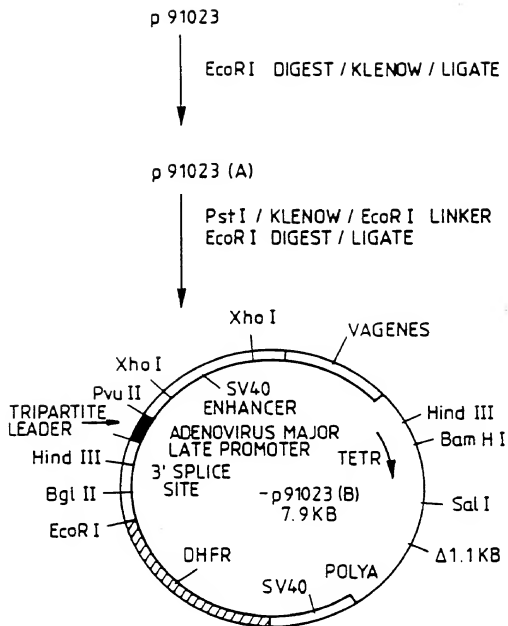
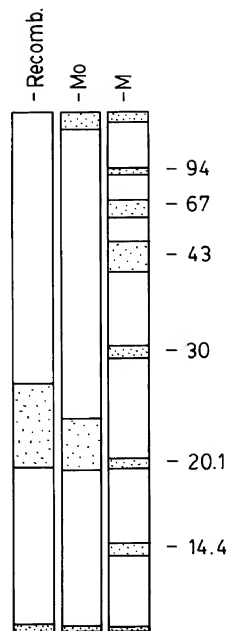


FIG. 4

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SDS PAGE OF
GM-CSF

FIG. 5

APPROVED	O.G. FIG.	
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p TALC - 185 R

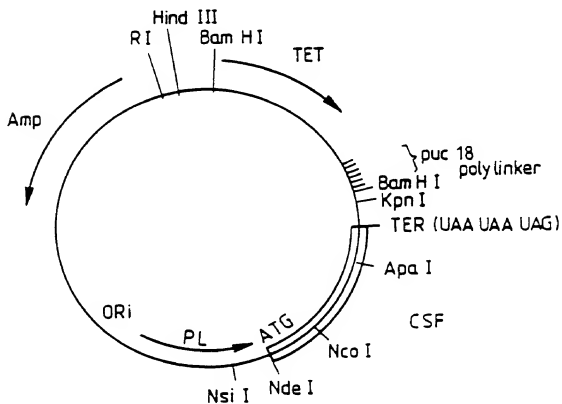


FIG. 6

APPROVED	O.G. FIG.	
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CSF Expression Plasmid AJ-14

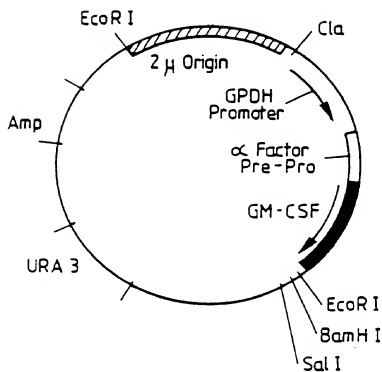


FIG. 7